Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 20 Jul 2021 until 23:59 on Wednesday 21 Jul 2021

Forecast Issued on Tuesday 20 Jul 2021 at 03:05

Confidence: High for very warm and largely settled conditions until the end of this week. Moderate for any isolated shower development, and for northward extent of thundery rain on Saturday.

Headline for Tuesday 20 Jul 2021: Dry, fine and settled with very high UV levels, very small risk of an isolated thundery shower.

Mountain weather hazards on Tuesday 20 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
<05%	<05%	<05%	10%	10%	<05%

Forecast for Tuesday 20 Jul 2021

Weather: There may be some scattered low cloud and mist first thing in eastern areas but this lifting quickly after dawn to leave another largely dry and sunny day. Temperatures rising quickly and feeling hot by the afternoon. Some cloud bubbling up by the afternoon but staying above all the summits. A small chance of an isolated thundery shower developing during the afternoon, but most remaining dry. Otherwise, staying dry and clear to start the evening, but low cloud may start to push into eastern areas by midnight.

Chance of cloud free mountain/hill tops above 600m: 70% at first in the east, otherwise 100%, becoming 70% later in the evening.

Visibility: Locally very poor with nearby landmarks obscured in scattered low cloud with bases from 400-500m, this both first thing and later in the evening. Otherwise very good with distant hills and landmarks easily visible, and just a low risk of reductions in any showers. A slight heat haze during the afternoon, with this reducing the air clarity a little.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 20 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/6 SW	6/8 NW	7/11 NW	9/14 W	6/9 N	6/12 NE	6/10 E
300	1/3 NE	4/7 NW	6/9 W	7/12 W	5/10 W	6/12 NE	6/9 NE
Valley	2/3 E	3/5 W	5/9 W	7/12 W	6/10 W	4/8 E	4/6 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/17	19/18	21/20	22/20	21/21	17/16	15/15
300	17/18	22/22	25/24	25/25	23/23	18/18	16/16
Valley	18/18	22/23	26/26	26/26	24/24	19/19	16/16
Freezing Level*	2900m	2900m	2800m	2800m	2900m	2900m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

With very warm temperatures and high UV levels expected, adequate sun protection and liquid intake is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 20 Jul 2021	0mm	0mm	0mm

Forecast for Wednesday 21 Jul 2021

Weather: Low cloud is likely to move in from the North Sea to affect eastern parts of the Park overnight. This will clear during the first part of the morning to leave dry and sunny conditions, quickly becoming very warm or hot once again. Small amounts of cloud bubbling up during the afternoon and once again a small chance of a rogue thundery shower developing, but most likely remaining dry.

Maximum wind: Variable, mainly easterly, 5-10 mph

Chance of cloud free mountain/hill tops above 600m: 40% at first, soon becoming 100%

Visibility: Locally very poor with nearby landmarks obscured in low cloud bases from 400-500m first thing. Otherwise very good with distant hills and landmarks easily visible. A slight heat haze during the afternoon, with this reducing the air clarity a little.

Temperature: **Valleys:** Plus 14 Celsius rising to plus 28 Celsius.
At 600m: Plus 16 Celsius rising to plus 22 Celsius.
Freezing level: Well above the summits.

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